

PACE KleenGrow™ -
Quaternary Ammonium
Product for Use in Agriculture



Other -
Quaternary Ammonium
Product for Use in Agriculture

4th generation quaternary ammonium – DDAC
 (DIDECYL DIMETHYL AMMONIUM CHLORIDE)

Single chain QAC molecule that works by breaking open the membranes of bacteria, fungi and outer coatings of viruses.

Use for disease control on crops, in water and on surfaces.

Residual Control: Up to 30 days control on hard surfaces and **up to 14 day on crops.**

Fungicide, Bactericide, Algicide and Virucide for Control of Plant and Human Pathogens.

REI:
 0 hr REI for surface disinfection.
 0 hr REI-continuous low rate chemigation.
 12 hr REI for intermittent high rate chemigation.

On Greenhouse Crops - Plant Pathogen Control:

- Overhead Spray
- Sub-irrigation

In Irrigation Water - Plant Pathogen and Algae Control:

- Irrigation Systems
- Cutting/Bulb dip water

On Surfaces:

- Plant Pathogen Control on all surfaces
- Disinfection on hard, non-porous surfaces

None corrosive in labeled use rate solutions.

Skin and eye irritant.

Biodegradable

High organic tolerance.

High mineral tolerance in hard water up to 2000 ppm.

Non-Flammable for Warehousing
 USDOT: Class 8 Corrosive and UN 1903

ACTIVE INGREDIENT

FUNCTION

FEATURES

EPA REGISTRATION

AREAS OF USE

HEALTH HAZARD

ENVIRONMENTAL IMPACT

SHIPPING AND WAREHOUSING

3rd generation quaternary ammonium - ADBAC
 (n-ALKYL DIMETHYL BENZYL AMMONIUM CHLORIDE and n-ALKYL DIMETHYL ETHYLBENZYL AMMONIUM)

Blend of two single chain QAC molecules that works by breaking open the membranes of bacteria, fungi and outer coatings of viruses.

Use on hard non-porous surfaces.

Residual Control: Up to 5 days control on surfaces.

Disinfectant for Control of Human Pathogens only.

REI:
 0 hr REI for hard non-porous surface disinfection.

Not labeled for Use of Crops.

In Irrigation Water - Algae Control in Nozzles only.

On Hard Non-porous surfaces only to prevent disease transfer.

Skin corrosion/irritation.

Causes severe skin burns and eye damage.

Biodegradable

Low organic tolerance.

Low mineral tolerance up to 400 ppm.

Non-Flammable for Warehousing and Shipping
 USDOT: Class 8 Corrosive and UN 1903

